

Title (en)

NEURAL NETWORK MODEL PROCESSING METHOD AND APPARATUS, COMPUTER DEVICE, AND STORAGE MEDIUM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERARBEITUNG EINES NEURONALEN NETZMODELLS, RECHNERVORRICHTUNG UND SPEICHERMEDIUM

Title (fr)

PROCÉDÉ ET APPAREIL DE TRAITEMENT DE MODÈLE DE RÉSEAU NEURONAL, DISPOSITIF INFORMATIQUE ET SUPPORT DE STOCKAGE

Publication

EP 4036803 A4 20231018 (EN)

Application

EP 20868455 A 20200922

Priority

- CN 201910910055 A 20190924
- CN 2020116816 W 20200922

Abstract (en)

[origin: EP4036803A1] Embodiments of the present disclosure provide a neural network processing method, a neural network processing apparatus, a computer device, and a storage medium. By splitting one operator into a plurality of sub-operators with smaller scales, a calculation library under a single-core structure may be invoked directly, which may make full use of hardware resources of a multi-core processor, thereby avoiding extra workloads brought by reimplementation.

IPC 8 full level

G06N 3/045 (2023.01); **G06N 3/0464** (2023.01); **G06N 3/063** (2023.01); **G06N 3/084** (2023.01)

CPC (source: CN EP US)

G06N 3/04 (2013.01 - US); **G06N 3/044** (2023.01 - CN); **G06N 3/045** (2023.01 - CN); **G06N 3/0464** (2023.01 - EP); **G06N 3/063** (2013.01 - EP US); **G06N 3/084** (2013.01 - CN); **Y02D 10/00** (2018.01 - EP)

Citation (search report)

- [X1] US 2019130265 A1 20190502 - LING KUN [CN], et al
- [A] CN 106940815 A 20170711 - UNIV XIAN JIAOTONG
- See also references of WO 2021057720A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 4036803 A1 20220803; EP 4036803 A4 20231018; CN 110689115 A 20200114; CN 110689115 B 20230331; US 2022391678 A1 20221208; WO 2021057720 A1 20210401

DOCDB simple family (application)

EP 20868455 A 20200922; CN 201910910055 A 20190924; CN 2020116816 W 20200922; US 202017622709 A 20200922